

Notice of Allowability	Application No.	Applicant(s)	
	10/808,086	IZZARD, DAVID CARL	
	Examiner	Art Unit	
	Susan C. Alimenti	3644	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to communications conducted on 6/20/05.
2. ☒ The allowed claim(s) is/are 2 and 3.
3. ☒ The drawings filed on 23 March 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other |
|--|--|



**HARVEY E. BEHREND
PRIMARY EXAMINER**

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given by applicant, David C. Izzard on 20 June 2005.

2. The application has been amended as follows:

I claim:

Claim 1 (canceled)

Claim 2 (presently amended) : ~~said~~ A bobber with an automatic hook set device comprising, a buoyant bobber through which said automatic hook set device passes,

said automatic hook set device comprising;

a slide tube having a lower end with a slightly restricted bore ~~at said slide tube's lower end and, and a sidewall having a passage therethrough through said slide tube's sidewall~~ at a midpoint for the passage of a locking and release mechanism,

a coil spring slidably received inside said slide tube, said coil spring rests against said slightly restricted bore of said slide tube,

a slide having a longitudinal passage to allow the passage of fishing line, said slide being slidably received inside said slide tube, said slide having a ~~abnormal~~ contact surface at a midpoint to engage said locking and release mechanism, said slide having a ~~skirt~~ sheath

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projecting down from said ~~abnormally~~ contact surface, ~~which~~ said sheath is slidably received over said coil spring and slidably received inside of said slide tube, said ~~skirt~~ sheath will hold said locking and release mechanism in the released position,

a trigger that is slidably received, within said slide tube, that bears upon a trigger pawl when said locking and release mechanism is in the set position,

said locking and release mechanism ~~that comprises~~ comprising;

a locking and release mechanism frame positioned at a midpoint on said slide tube, said trigger pawl rotationally attached to said locking and release frame,

a locking pawl rotationally attached to said locking and release frame,

a interlocking link rotationally attached to said trigger pawl and said locking pawl so as to allow said trigger pawl, said interlocking link, and said locking pawl to rotationally lock and hold said slide with said coil spring compressed, said locking and release mechanism having an auto-locking spring positioned as to urge said interlocking link, said trigger pawl, and said locking pawl into their locked position after said slide compresses said coil spring.

Claim 3 (presently amended) said The bobber with said automatic hook set device of claim 2; ~~where-in~~ wherein said locking and release mechanism ~~has~~ comprises;

an adjustment screw to change the rotational alignment of said trigger pawl, said interlocking link, and said locking pawl,

~~where-in~~ wherein said locking pawl has a roller to contact said ~~abnormally~~ contact surface and said ~~skirt~~ sheath on said slide,

~~where-in~~ wherein said automatic hook set device has the addition of a battery, an electric

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signaling device and electrical contacts which engage and disengage as said automatic hook set device is released and set,

~~where in~~ wherein said bobber with automatic hook set device is weighted as to cause said bobber with said automatic hook set device to float vertical when set and lie horizontal after said automatic hook set device is released.

Allowable Subject Matter

3. Claim 2-3 are allowed.

4. The following is an examiner's statement of reasons for allowance: The prior art made of record fails to disclose, alone or in combination, a fishing bobber with an automatic hook setting device, wherein the automatic hook setting device is fully contained inside the bobber, said automatic hook device comprising; a slide tube, slidably receiving a trigger, a slide, and a coil spring, the coil spring urged against a restrict portion of the slide tube and further engaging a sheath at the end opposite the urged end, and wherein the automatic mechanism comprises a trigger pawl, a locking pawl and an interlocking link, rotatably connecting the trigger and locking pawls, and an auto-locking spring positioned to urge the interlocking link, trigger pawl, locking pawl into their locked position once the device has been set off.

5. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Susan C. Alimenti whose telephone number is 571-272-6897.

The examiner can normally be reached on Monday-Friday, 9am-5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Harvey Behrend can be reached on 571-272-6871. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SCA

A handwritten signature in black ink, appearing to read 'H. Behrend', with a large, stylized flourish at the end.

**HARVEY E. BEHREND
PRIMARY EXAMINER**